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Cc: OPP EFED Managers[OPP_EFED_Managers@epa.gov]
From: Corbin, Mark
Sent: Fri 4/28/2017 11:36:53 AM
Subject: RE: NMFS BiOp Review
[epa-to-nmfs.pdf](#)
[11-18-08-nmfs-biop.pdf](#)
[Review of 4 salmon population models - draft 2-4-09.doc](#)

As promised from yesterday's meeting here are comment and response documents I found from the original NMFS OP biop from 2008. Would probably fit in **Ex. 5 - Deliberative Process**

Ex. 5 - Deliberative Process

For some reason I believe we had a more detailed review of the Pop Model from that time but have not found it yet. I found a more detailed comment document by Kris on the Population Modeling but don't see a final.

mark

From: Villanueva, Philip
Sent: Thursday, April 27, 2017 5:03 PM
To: Panger, Melissa <Panger.Melissa@epa.gov>; Pease, Anita <Pease.Anita@epa.gov>; Odenkirchen, Edward <Odenkirchen.Edward@epa.gov>; Eckel, William <Eckel.William@epa.gov>; Rossmeisl, Colleen <Rossmeisl.Colleen@epa.gov>; Peck, Charles <Peck.Charles@epa.gov>; Donovan, Elizabeth <Donovan.Elizabeth@epa.gov>; Nguyen, Khue <Nguyen.Khue@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Connolly, Jennifer <Connolly.Jennifer@epa.gov>; Spatz, Dana <Spatz.Dana@epa.gov>; Sankula, Sujatha <Sankula.Sujatha@epa.gov>; Shamim, Mah <Shamim.Mah@epa.gov>; Anderson, Brian <Anderson.Brian@epa.gov>; Holmes, Jean <Holmes.Jean@epa.gov>; Wendel, Christina <Wendel.Christina@epa.gov>; Judkins, Donna <Judkins.Donna@epa.gov>; Corbin, Mark <Corbin.Mark@epa.gov>; Carleton, Jim <Carleton.Jim@epa.gov>; Perry, Tracy <Perry.Tracy@epa.gov>; Bohaty, Rochelle <Bohaty.Rochelle@epa.gov>; Kanarek, Andrew

<Kanarek.Andrew@epa.gov>
Cc: OPP EFED Managers <OPP_EFED_Managers@epa.gov>
Subject: NMFS BiOp Review

All,

At our meeting last week, we had discussed reviewing the draft BiOp from NMFS by May 11th. Although the document has several pages, we are focusing our review on some very key sections identified below.

2. The Assessment Framework (15 pages) – Phil, Melissa, & Kris

11.4 Pesticide mixtures (9 pages) – Chuck and Ed

11.6 Species Risk Analysis - Melissa, Kris, & Amy

Ex. 5 - Deliberative Process

Appendix A: Pacific Salmon Population Modeling (16 pages) – Andrew K & Kris

Mark is hunting down our comments on the previous BiOp material the team reviewed, which will likely be a good starting point for our review if little has changed since then.

Below are links to the word and pdf versions. Let Jen know if you need access.

Open NMFS BiOp 8 Draft (4-19-17).pdf

Open NMFS BiOp 8 Draft (4-19-17).docx

Finally, since the BiOp document is so large, we are compiling our comments in a separate word document (see link below), which the Services do not have access to. We'll move this document to another folder that they do have access to once we are ready to share. Let me know if you have any questions.

Open NMFS Draft BiOp Comments April 2017.docx

Phil

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